



# **TYAD Industry Day: Partnering Brief**

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# Topics

- Partnering Experience
- Authorization
- Partnering Process
- Benefits to Partnerships
- Successes





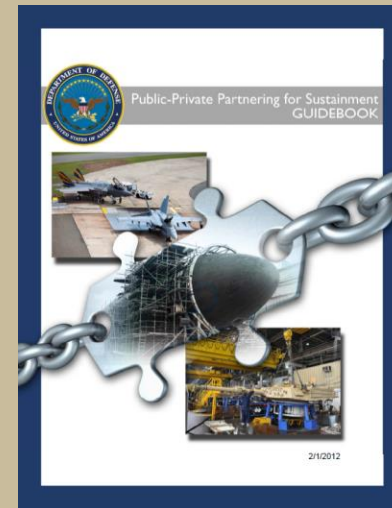
# What is a PPP?

- The DoD Public-Private Partnerships (PPP) for Sustainment Guidebook defines a PPP as:

*“a cooperative arrangement between an organic product support provider and one or more private sector entities to perform defense-related work utilizing DoD facilities and equipment, or both”*

- PPP Composition

- Program Offices
- Depots and Arsenals
- Private Industry
- Inventory Control Points
- Sustainment Commands





# Partnership Experience



**TYAD has been Partnering since 1996**

- **FY16 Partnerships**
  - 50 Active Partnerships
  - 1 Completed Partnership
  - 28 Opportunities
  - \$26 Million Revenue Goal



**TYAD has remained  
a competitive,  
innovative repair  
facility for the Joint  
Forces**

- **Types of Partnerships include**
  - Title 10 USC 2474: CITE Designation
  - Workshare





# Working Together

## ■ TYAD

- Builds independent teams for each opportunity
- Works with Industry to determine the best mix of resources to develop a winning strategy
- Aids in the development of standard contracting language



## ■ TYAD participates and responds to

- Requests for Information
- Requests for Quotes
- Requests for Proposals
- Proposal Development





# Regulations

## Applicable Statutes under Title 10 USC

*Title 10  
USC*

- 2474 - Center of Industrial and Technical Excellence (CITE)
  - Depot maintenance activities designated as CITE authorized and encouraged to enter into public-private partnerships
- 2208j – Working Capital Funds
  - Subcontracting by competitive sale of articles and services
  - DoD contract and open competition or satisfies the intent of 2474
- 4543 - Direct Sales of manufactured articles or services
  - Requires commercial non-availability statement
- 4544 – Cooperative Arrangement with non-Army entities
  - Commercial articles or services require non-availability statement
- 2667 – Leasing
- FAR Part 45 Facility Use







# CITE Significance

- New Weapon System Development
  - Core Determination
  - Depot Source of Repair (Organic)
    - Determined by CITE with all services
  - Enables the Program Office to establish an Organic Support structure for the program and POM Process for capabilities and facilities
  - Allows for collaboration to enact leader-follower plan for transition from production to sustainment
    - Increased collaboration increases trust



***Title 10 USC § 2464  
CORE Workload Defined  
with Organic Sustainment  
Implications***

***Title 10 USC § 2474  
Partnership Authority  
At Organic Facilities –  
Aligned by CITE***

***Title 10 USC § 2466 -  
Limitations on the  
performance of depot-  
level maintenance of  
materiel - 50/50***





# Types Public Private Partnerships

## Workshare

## Direct Sales

Government  
Buying Activity

Government  
Buying Activity

Project  
\$\$

Contract  
\$\$

Contract \$\$

Contractor

Depot

Contractor

Contract \$\$ to Depot

Depot

## Not a PPP

Government  
Buying  
Activity

Project  
Order \$\$

Depot

Depot \$\$

Contractor







# Process to Partner

**Non Disclosure/Teaming Agreement**



**Statement of Work**



**Cost Estimate**



**Negotiation**



**Finalized Subcontract**





# Expected Benefits

## Organic depots

- New investment
- Preserve skilled workforce
- Enhanced operating efficiency
- Access to technical support

## Private Industry

- Access to process permits, capabilities
- Minimize process flows
- Long-term agreements
- Avoid investment in duplicative capabilities

## Warfighter

- Improved logistical support
- Improved responsiveness
- Technology infusion
- Increased reliability

- **Partnering is a logistics sustainment philosophy involving a cooperative agreement among**
  - Program and/or System Support Manager
  - Original Equipment Manufacturer and/or other Private Sector firm(s)
  - Organic Industrial Base





# Partnerships

**Aerometals**



COASTAL  
MECHANICS



*Partnerships Leverage Resources,  
Innovation, Leadership of each  
Enterprise to Benefit the Warfighter*

*Partnering is a Cooperative Effort  
Not a Competitive Engagement*

- Improve Operational Efficiencies
- Lower the Cost of Products and Services
- Accelerate Innovation
- Secure Private Investment
- Sustain Critical Skills and Capabilities



**Raytheon**

**NORTHROP GRUMMAN**

**Rockwell Collins**  
Building trust every day



**LOCKHEED MARTIN**

**BAE SYSTEMS**





# Successes

## Public Private Partnership and Workshare

- **AN/TPQ-48/49, Lightweight Counter Mortar Radar (LCMR) Live-Fire Test Simulator (LFTS)**
- PM Radars, Syracuse Research Corp (SRCTec) and TYAD
- Provide LFTS services
- Saves \$25,000 and two weeks of transportation/processing time per radar
- Reduces Yuma Proving Ground testing requirements
- Eliminates ammunition requirements
- Reduces environmental impacts

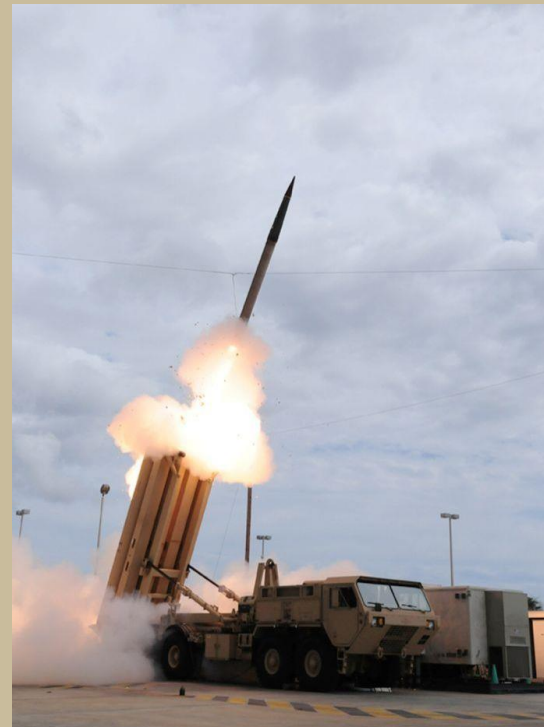




# Successes

## Public Private Partnership

- **Terminal High Altitude Area Defense (THAAD) Technical Assistance Support**
- Teamed with Lockheed Martin
- Provide Field Service Representative (FSR) repair and technical expertise on site embedded with Fire Units when the assets are deploying, fielding or testing
- CONUS and OCONUS locations
- Partnership established in FY09; supporting modifications to extend/increase services for increase in operational readiness







# Successes

## Public Private Partnerships

- **Common Hardware Systems Out Of Warranty Initiative**
  - Work with Project Director Network Enablers establishing Memorandum for out of warranty repairs be referred to TYAD for CHS-4
  - Working to be included in the Performance Work Statement to facilitate organic repair of CHS-5 equipment
- **Authorized Warranty Provider**
  - Partnerships with computer manufacturing companies to provide warranty repairs to Soldiers
    - CONUS, OCONUS and Southwest Asia locations
  - Soldiers bring equipment to Forward Repair locations and repairs are done under warranty
  - TYAD is paid a service fee and provided repair parts







# Successes

## Public Private Partnerships

### ■ AN/APX-72 IFF Transponder

- Teamed with Aerospace Maintenance, LLC
- Test and Repair components of the AN/APX-72 Identify Friend or Foe (IFF) Transponder for fixed or rotary winged aircraft



### ■ AN/AAR-57 Common Missile Warning System (CMWS)

- Teamed with BAE Systems
- Repair ECU/SRU Electro Optic Missile Sensors (EOMS) for the AN/AAR-57 Common Missile Warning System (CMWS)
- Part of depot activation plan





# Successes

## Public Private Partnerships

### ■ UH-60 Black Hawk

- Teamed with Aeronautical Systems, Inc.
- Repair components (Flight Control, Amplifier, Elect Control, Radio Receiver, etc) for the UH-60 Black Hawk Helicopter



### ■ AV/8B Harrier Aircraft and AH-64 Apache

- Teamed with Boeing
- Repair Video Recorder for the AV/8B Harrier Aircraft
- Repair Air Speed Indicator, Battery Charger, Keyboard Unit) for the AH-64 Apache Helicopter
- Part of depot activation plan



### ■ Shadow Unmanned Aerial Vehicle

- Teamed with AAI Corporation to provide Forward Repair Activity (FRA) support in Iraq and Ground Control Station (CGS) Reset at TYAD





# Successes

## Public Private Partnerships

### ■ **AN/APR-39A(V) Radar Warning Receiver**

- Teamed with Precision Aviation Group/Precision Accessories and Instruments
- Evaluation and Repair of Radar Receiver part of the AN/APR-39A(V) Radar Warning Receiver, for the CH-47 Chinook, UH-60 Black Hawk and OH-58 Kiowa Warrior Helicopters
- Initiated from “Ask-Toby” request



### ■ **Common Avionics Architecture System (CAAS)**

- Teamed with Rockwell Collins
- Test and Inspect Common Avionics Architecture System (CAAS) components for the CH-47 Chinook Helicopter
- Expanding partnership to include repair
- Part of depot activation plan





# Successes

## Public Private Partnerships

### ■ UH-60 Component Repair

- Teamed with Coastal Mechanics
- Supports Department of the Army prime contract
- Evaluation and Repair services of the Selector Panel, part of the UH-60 Blackhawk Helicopter



### ■ Circuit Card Assembly Testing

- Teamed with U.S. Dynamics
- Funded and directed by Hill Air Force Base to partner with Tobyhanna
- Test Fault Monitor Circuit Cards, part of the AN/TPS-75 Radar in system mock-up





# Successes

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# At the End of the Day...



**It's all about the Warfighter!**

